

# REPLACEMENT SHEET



## SEQUENCE LISTING

<110> Eul, Joachim

<120> A method for the repair of mutated RNA from genetically defective DNA and for the specific destruction of tumor cells by RNA trans-splicing, and a method for the detection of naturally trans-spliced cellular RNA

<130> 7700-X04-013

<140> US 10/777,492

<141> 2004-02-12

<150> PCT/EP02/09082

<151> 2002-08-13

<160> 11

<170> PatentIn version 3.3

<210> 1

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 1  
aaccggccaa ccggccaatt tttttttttt ttt 33

<210> 2

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 2  
agaagaacgg aagaacaa 18

<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 3  
ggttgaagg ttggaagggg gg 22

<210> 4

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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<400> 4  
ggttggaagg ttggaag 17

<210> 5  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 5  
agaagaacgg aagaacaa 18

<210> 6  
<211> 18  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 6  
aaccttccaa ccggccaa 18

<210> 7  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 7  
ggttggaagg ttggaag 17

<210> 8  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 8  
cttgcttctc cgcttcttct 19

<210> 9  
<211> 8  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Position 2 R, Position 3 Y, Position 5 R, Position 7 Y, Position 8 R,  
Description of the Artificial Sequence: Branch site of 3' splice site (consensus sequence)

<400> 9  
uacuaaca 8

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<210> 10  
<211> 6  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Position 3 R, Position 4 R,  
Description of the Artificial Sequence: Intronic half of 5'  
Splice site (consensus sequence)

<400> 10  
guaagu 6

<210> 11  
<211> 3  
<212> RNA  
<213> Artificial Sequence

<220>  
<223> Position 1 R, Position 2 R,  
Description of the Artificial Sequence: Exonic half of 5' splice  
site (consensus sequence)

<400> 11  
aag 3

$\odot$  branch site of

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/777,492

DATE: 10/31/2005  
TIME: 11:24:56

Input Set : D:\Sequence Listing.txt  
Output Set: N:\CRF4\10312005\J777492.raw

139 Description of the Artificial Sequence: 5' Splice site  
141 <400> SEQUENCE: 10  
142 guaagu  
145 <210> SEQ ID NO: 11  
146 <211> LENGTH: 3  
147 <212> TYPE: RNA  
148 <213> ORGANISM: Artificial Sequence  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: Position 1 A/G Position A/G  
152 Description of the Artificial Sequence: 5' Splice site  
154 <400> SEQUENCE: 11  
155 aag

give source

\*\*

"R"  
is right  
use "r"

2

do you mean position 2? yes  
(no number shown), "R"  
use "r" is right

give source

exonic half of  
5' Splice site  
(consensus  
sequence)

\*\*

intronic half of  
5' Splice site  
(consensus  
sequence)